

Equilibrium CH-acidities of dimethyl 2-dimethoxyphosphoryl malonate and its thiophosphoryl analog

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Abstract

The p K_a values of dimethyl 2-dimethoxyphosphoryl malonate and of its thiophosphoryl analog have been measured by transmetallation using the inclusion complex of Li⁺ with [2.1.1]-cryptand as the metallation agent. © 1994 Plenum Publishing Corporation.

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Keywords

β-dicarbonyl compounds, acceptor properties, CH-acidity, phosphoryl group, tautomerism